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FORM PTO-1700  
(REV. 10-1-90)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

HAC-026

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/744205

INTERNATIONAL APPLICATION NO.  
PCT/AU99/00591INTERNATIONAL FILING DATE  
21 July 1999PRIORITY DATE CLAIMED  
21 July 1998

TITLE OF INVENTION

ION SOURCE

APPLICANT(S) FOR DO/EO/US

SAINTY, Wayne G.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☐ Other items or information:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Wayne G. Sainty

INT'L APPL'N NO.: PCT/AU99/00591

GROUP ART UNIT:

INT'L FILING DATE: 21 July 1999

EXAMINER:

FOR: Ion Source

ATT'Y DOCKET NO.: HAC-026

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

"Express Mail" Mailing Number EL 604 864 405  
Date of Deposit: January 18, 2001

I hereby certify that the attached 35 USC 371 Request for Commencement of US National Stage (Form PTO-1390), patent application, filing fee, Declaration and Power of Attorney and International Search Report for the application identified above, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.



David P. Gordon  
Reg. #29,996

65 Woods End Road  
Stamford, CT 06905  
(203) 329-1160